Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An industrial controller for a machine tool, a robot and/or a production machine, comprising:

~~a device to register messages and/or alarms for predefined operating states; and~~

a converter ~~to allocate the~~ which associates predefined operating states on an individual basis to respective messages and/or alarms so ~~the effect~~ that, if one of the predefined operating states is present, an SMS message and/or an e-mail about the one of the predefined operating states is sent to a predefined distribution group; and

a table which associates each of the predefined operating states with: i) a respective distribution group to whom the SMS message and/or email message is to be sent, and ii) information identifying particular information to be included in the SMS message and/or email message,

wherein after one of the predefined operating states is detected, the respective message and/or alarm associated with the one of the predefined operating states is sent via the SMS message and/or e-mail to the respective distribution group associated with the detected predefined operating state, the respective message and/or alarm including the particular information identified by the information associated with the detected predefined operating state.

2. (Original) The controller according to claim 1, wherein the e-mail has a file attached to it.

3. (Currently Amended) The controller according to claim ~~1~~ 2, wherein the file is a trace file, the trace file including

an operating sequence preceding the messages and/or alarms.

4. (Currently Amended) The controller according to claim 1, further comprising:

an operating keyboard to effect the ~~allocation~~ association by editing.

5. (Currently Amended) The controller according to claim 1, wherein the converter ~~triggers a respective message and/or alarm corresponding to the one of the predefined operating states using~~ is configured to initiate a bit poll, the bit poll for polling at least one system component for operation state information.

6. (Original) The controller according to claim 1, wherein the SMS message and/or the e-mail about the one of the predefined operating state is sent to the predefined distribution group when the one of the predefined operating states arises.

7. (New) The controller according to claim 1, wherein each respective distribution group includes at least one person and/or site.

8. (New) The controller according to claim 1, wherein the table associates at least two of the predefined operating states with a different respective distribution group.

9. (New) An industrial controller for a machine tool, a robot and/or a production machine, comprising:

a converter which associates predefined operating states on an individual basis to respective messages and/or alarms;

a table which associates each of the predefined operating states with: i) a respective distribution group to whom an SMS message and/or email message is to be sent, and ii) information identifying particular information to be included in the SMS message and/or

email message; and

a transmitter configured to send the message and/or alarm associated with one of the predefined operating states after the one of the predefined operating states is detected, the message and/or alarm being sent via the SMS message and/or email message to the respective distribution group associated with the detected predefined operating state, the respective message and/or alarm including the particular information identified by the information associated with the detected predefined operating state.

10. (New) The controller according to claim 9, wherein the table associates at least two of the predefined operating states with a different respective distribution group.

11. (New) An industrial controller for a machine tool, a robot and/or a production machine, comprising:

a converter which associates predefined operating states on an individual basis to respective messages and/or alarms;

a table which associates each of the predefined operating states with: i) a respective distribution group to whom an SMS message is to be sent, and ii) information identifying particular information to be included in the SMS message; and

a transmitter configured to send the message and/or alarm associated with one of the predefined operating states after the one of the predefined operating states is detected, the message and/or alarm being sent via the SMS message to the respective distribution group associated with the detected predefined operating state, the respective message and/or alarm including the particular information identified by the information associated with the detected predefined operating state.

12. (New) The controller according to claim 11, wherein the table associates at least two of the predefined operating

states with a different respective distribution group.

13. (New) An industrial controller for a machine tool, a robot and/or a production machine, comprising:

a converter which associates predefined operating states on an individual basis to respective messages and/or alarms;

a table which associates each of the predefined operating states with a respective distribution group to whom an SMS message and/or email message is to be sent; and

a transmitter configured to send the message and/or alarm associated with one of the predefined operating states after the one of the predefined operating states is detected, the message and/or alarm being sent via the SMS message and/or email message to respective distribution group associated with the detected predefined operating state.

14. (New) The controller according to claim 13, wherein the table associates at least two of the predefined operating states with a different respective distribution group.

15. (New) An industrial controller for a machine tool, a robot and/or a production machine, comprising:

a converter which associates predefined operating states on an individual basis to respective messages and/or alarms;

a table which associates each of the predefined operating states with a respective distribution group to whom an SMS message is to be sent; and

a transmitter configured to send the message and/or alarm associated with one of the predefined operating states after the one of the predefined operating states is detected, the message and/or alarm being sent via the SMS message to the respective distribution group associated with the detected predefined operating state.

16. (New) The controller according to claim 15, wherein the table associates at least two of the predefined operating states with a different respective distribution group.